

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

RUBEN *et al.*

Appl. No. To Be Assigned
(Continuation of 09/023,082)

Filed: (Herewith)

For: **Keratinocyte Growth Factor-2**

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 1448.036000A

Request to Open New Disk File

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants request that a new disk file be opened for the above-cited application. The Sequence Listing disk submitted on **February 5, 1999** in the parent, Application No. **09/023,082**, filed **February 13, 1998** contains the identical sequence information as that in the present application.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Andrea Jo Kamage

Andrea Jo Kamage
Agent for Applicants
Registration No. 43,703

Date: *July 1, 1999*

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/345,373DATE: 08/26/1999
TIME: 09:38:16

INPUT SET: S33069.raw

<p>This Raw Listing contains the General Information Section and up to the first 5 pages.</p>

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: RUBEN, STEVEN M.

JIMENEZ, PABLO

DUAN, D. ROXANNE

RAMPY, MARK A.

MENDRICK, DONNA

ZHANG, JUN

NI, JIAN

MOORE, PAUL A.

COLEMAN, TIMOTHY A.

GRUBER, JOACHIM R.

DILLON, PATRICK J.

GENTZ, REINER L.

(ii) TITLE OF INVENTION: KERATINOCYTE GROWTH FACTOR-2

(iii) NUMBER OF SEQUENCES: 148

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.

(B) STREET: 1100 NEW YORK AVE, NW, SUITE 600

(C) CITY: WASHINGTON

(D) STATE: DC

(E) COUNTRY: USA

(F) ZIP: 20005-3934

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/345,373

(B) FILING DATE:

(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 09/023,082

(B) FILING DATE:

(viii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/461,195

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PATENT APPLICATION US/09/345,373DATE: 08/26/1999
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47 (B) FILING DATE: 05-JUN-1995
48
49 (vii) PRIOR APPLICATION DATA:
50 (A) APPLICATION NUMBER: US 60/023,852
51 (B) FILING DATE: 13-AUG-1996
52
53 (vii) PRIOR APPLICATION DATA:
54 (A) APPLICATION NUMBER: US 60/039,045
55 (B) FILING DATE: 28-FEB-1997
56
57 (vii) PRIOR APPLICATION DATA:
58 (A) APPLICATION NUMBER: US 08/862,432
59 (B) FILING DATE: 23-MAY-1997
60
61 (vii) PRIOR APPLICATION DATA:
62 (A) APPLICATION NUMBER: US 08/910,875
63 (B) FILING DATE: 13-AUG-1997
64
65 (vii) PRIOR APPLICATION DATA:
66 (A) APPLICATION NUMBER: US 60/055,561
67 (B) FILING DATE: 13-AUG-1997
68
69 (viii) ATTORNEY/AGENT INFORMATION:
70 (A) NAME: STEFFFE, ERIC K.
71 (B) REGISTRATION NUMBER: 36,688
72 (C) REFERENCE/DOCKET NUMBER: 1488.0360008/EKS
73
74 (ix) TELECOMMUNICATION INFORMATION:
75 (A) TELEPHONE: 202-371-2600
76 (B) TELEFAX: 202-371-2540
77
78 (2) INFORMATION FOR SEQ ID NO:1:
79
80 (i) SEQUENCE CHARACTERISTICS:
81 (A) LENGTH: 627 base pairs
82 (B) TYPE: nucleic acid
83 (C) STRANDEDNESS: double
84 (D) TOPOLOGY: both
85
86 (ii) MOLECULE TYPE: DNA (genomic)
87
88
89 (ix) FEATURE:
90 (A) NAME/KEY: CDS
91 (B) LOCATION: 1..624
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93
94 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
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96 ATG TGG AAA TGG ATA CTG ACA CAT TGT GCC TCA GCC TTT CCC CAC CTG
97 Met Trp Lys Trp Ile Leu Thr His Cys Ala Ser Ala Phe Pro His Leu
98 1 5 10 15
99

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100	CCC GGC TGC TGC TGC TGC TGC TTT TTG TTG CTG TTC TTG GTG TCT TCC	96
101	Pro Gly Cys Cys Cys Cys Cys Phe Leu Leu Leu Phe Leu Val Ser Ser	
102	20 25 30	
103		
104	GTC CCT GTC ACC TGC CAA GCC CTT GGT CAG GAC ATG GTG TCA CCA GAG	144
105	Val Pro Val Thr Cys Gln Ala Leu Gly Gln Asp Met Val Ser Pro Glu	
106	35 40 45	
107		
108	GCC ACC AAC TCT TCT TCC TCC TCC TTC TCC TCT CCT TCC AGC GCG GGA	192
109	Ala Thr Asn Ser Ser Ser Ser Ser Phe Ser Ser Pro Ser Ser Ala Gly	
110	50 55 60	
111		
112	AGG CAT GTG CGG AGC TAC AAT CAC CTT CAA GGA GAT GTC CGC TGG AGA	240
113	Arg His Val Arg Ser Tyr Asn His Leu Gln Gly Asp Val Arg Trp Arg	
114	65 70 75 80	
115		
116	AAG CTA TTC TCT TTC ACC AAG TAC TTT CTC AAG ATT GAG AAG AAC GGG	288
117	Lys Leu Phe Ser Phe Thr Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly	
118	85 90 95	
119		
120	AAG GTC AGC GGG ACC AAG AAG GAG AAC TGC CCG TAC AGC ATC CTG GAG	336
121	Lys Val Ser Gly Thr Lys Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu	
122	100 105 110	
123		
124	ATA ACA TCA GTA GAA ATC GGA GTT GTT GCC GTC AAA GCC ATT AAC AGC	384
125	Ile Thr Ser Val Glu Ile Gly Val Val Ala Val Lys Ala Ile Asn Ser	
126	115 120 125	
127		
128	AAC TAT TAC TTA GCC ATG AAC AAG AAG GGG AAA CTC TAT GGC TCA AAA	432
129	Asn Tyr Tyr Leu Ala Met Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys	
130	130 135 140	
131		
132	GAA TTT AAC AAT GAC TGT AAG CTG AAG GAG AGG ATA GAG GAA AAT GGA	480
133	Glu Phe Asn Asn Asp Cys Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly	
134	145 150 155 160	
135		
136	TAC AAT ACC TAT GCA TCA TTT AAC TGG CAG CAT AAT GGG AGG CAA ATG	528
137	Tyr Asn Thr Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met	
138	165 170 175	
139		
140	TAT GTG GCA TTG AAT GGA AAA GGA GCT CCA AGG AGA GGA CAG AAA ACA	576
141	Tyr Val Ala Leu Asn Gly Lys Gly Ala Pro Arg Arg Gly Gln Lys Thr	
142	180 185 190	
143		
144	CGA AGG AAA AAC ACC TCT GCT CAC TTT CTT CCA ATG GTG GTA CAC TCA	624
145	Arg Arg Lys Asn Thr Ser Ala His Phe Leu Pro Met Val Val His Ser	
146	195 200 205	
147		
148	TAG	627
149		
150		
151	(2) INFORMATION FOR SEQ ID NO:2:	
152		

RAW SEQUENCE LISTING

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153      (i) SEQUENCE CHARACTERISTICS:
154          (A) LENGTH: 208 amino acids
155          (B) TYPE: amino acid
156          (D) TOPOLOGY: linear
157
158      (ii) MOLECULE TYPE: protein
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160      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
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162      Met Trp Lys Trp Ile Leu Thr His Cys Ala Ser Ala Phe Pro His Leu
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165      Pro Gly Cys Cys Cys Cys Cys Phe Leu Leu Phe Leu Val Ser Ser
166          20              25              30
167
168      Val Pro Val Thr Cys Gln Ala Leu Gly Gln Asp Met Val Ser Pro Glu
169          35              40              45
170
171      Ala Thr Asn Ser Ser Ser Ser Ser Phe Ser Ser Pro Ser Ser Ala Gly
172          50              55              60
173
174      Arg His Val Arg Ser Tyr Asn His Leu Gln Gly Asp Val Arg Trp Arg
175          65              70              75              80
176
177      Lys Leu Phe Ser Phe Thr Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly
178          85              90              95
179
180      Lys Val Ser Gly Thr Lys Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu
181          100             105             110
182
183      Ile Thr Ser Val Glu Ile Gly Val Val Ala Val Lys Ala Ile Asn Ser
184          115             120             125
185
186      Asn Tyr Tyr Leu Ala Met Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys
187          130             135             140
188
189      Glu Phe Asn Asn Asp Cys Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly
190          145             150             155             160
191
192      Tyr Asn Thr Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met
193          165             170             175
194
195      Tyr Val Ala Leu Asn Gly Lys Gly Ala Pro Arg Arg Gly Gln Lys Thr
196          180             185             190
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198      Arg Arg Lys Asn Thr Ser Ala His Phe Leu Pro Met Val Val His Ser
199          195             200             205
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201
202      (2) INFORMATION FOR SEQ ID NO:3:
203
204          (i) SEQUENCE CHARACTERISTICS:
205              (A) LENGTH: 36 base pairs

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206 (B) TYPE: nucleic acid
207 (C) STRANDEDNESS: single
208 (D) TOPOLOGY: linear
209
210 (ii) MOLECULE TYPE: cDNA
211
212
213
214
215 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
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217 CCCCACATGT GGAAATGGAT ACTGACACAT TGTGCC 36
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219 (2) INFORMATION FOR SEQ ID NO:4:
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221 (i) SEQUENCE CHARACTERISTICS:
222 (A) LENGTH: 35 base pairs
223 (B) TYPE: nucleic acid
224 (C) STRANDEDNESS: single
225 (D) TOPOLOGY: linear
226
227 (ii) MOLECULE TYPE: cDNA
228
229
230
231
232 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
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234 CCCAAGCTTC CACAAACGTT GCCTTCCTCT ATGAG 35
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236 (2) INFORMATION FOR SEQ ID NO:5:
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238 (i) SEQUENCE CHARACTERISTICS:
239 (A) LENGTH: 36 base pairs
240 (B) TYPE: nucleic acid
241 (C) STRANDEDNESS: single
242 (D) TOPOLOGY: linear
243
244 (ii) MOLECULE TYPE: cDNA
245
246
247
248
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
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251 CATGCCATGG CGTGCCAAGC CCTTGGTCAG GACATG 36
252
253 (2) INFORMATION FOR SEQ ID NO:6:
254
255 (i) SEQUENCE CHARACTERISTICS:
256 (A) LENGTH: 35 base pairs
257 (B) TYPE: nucleic acid
258 (C) STRANDEDNESS: single

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/345,373

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Line	Error	Original Text
16	Response Exceeds Line Limitations	GENTZ, REINER L.

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SEQUENCE MISSING ITEM REPORT
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PRIOR APPLICATION DATA More Identifiers Found Than MAX Allowed

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SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/09/345,373

DATE: 08/26/1999
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